

Q&A for MRAC meetings. From a list passed around at meetings:

I Would Like To Know About ...

Basic Electronics and Radio Theory ----

- Winding transformers
- Power supplies
- Basics of oscilloscope operation
- Grounding: RF, DC
- Proper soldering methods
- PC board layout
- ATV
- Restoring old equipment
- TVI

Antennas and Transmission Lines ----

- Anything on antennas
- How to phase multiple vertical antennas
- Effects of SWR on signals (receive and transmit)
- Lightning protection
- HF propagation
- VHF propagation

Basic Radio Operation ----

- How to best learn the Morse code especially at higher speeds (20wpm) including how have others done it
- Code practice/sample testing prior to meeting
- Proper sending of CW including use of bugs/keyer paddles
- How to properly tune up a tube transmitter
- Linear Amplifiers
- Operating procedures: Nets on HF
- Operating procedures: Nets on VHF
- Operating and setup of a HF radio
- Operating and setup of a VHF radio
- DXing
- Packet Radio
- Satellites
- Weak signal VHF/UHF operating
- The art of QSLing
- Personal Computer busses